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**Bib Data Sheet** 

| Tooru Kamibayashi, Chigasaki-shi, JAPAN; Hisashi Yamada, Yokohama-shi, JAPAN; Hiroshi Iwasaki, Yokohama-shi, JAPAN; Masafumi Tamura, Chofu-shi, JAPAN; Yasuhiro Ishibashi, Ome-shi, JAPAN; Yasuhiro Ishibashi, Ome-shi, JAPAN; Taku Kato, Kamakura-shi, JAPAN; Makoto Tatebayashi, Takarazuka-shi, JAPAN; Shunji Harada, Osaka-shi, JAPAN; *** CONTINUING DATA **********************************  | Bib Data Sheet   |   |   |                    |          |     |               |                      |   |                |  |
|--|--|---|---|--------------------|----------|-----|---------------|----------------------|---|----------------|--|
| Tooru Kamibayashi, Chigasaki-shi, JAPAN; Hisashi Yamada, Yokohama-shi, JAPAN; Hiroshi Iwasaki, Yokohama-shi, JAPAN; Masafumi Tamura, Chofu-shi, JAPAN; Yasuhiro Ishibashi, Ome-shi, JAPAN; Makoto Tatebayashi, Takarazuka-shi, JAPAN; Shunji Harada, Osaka-shi, JAPAN; Makoto Tatebayashi, Takarazuka-shi, JAPAN; Shunji Harada, Osaka-shi, JAPAN;  *** CONTINUING DATA  *** FOREIGN APPLICATIONS  *** CONTINUING DATA  *** FOREIGN APPLICATIONS  *** CONTINUING DATA  *** FOREIGN APPLICATIONS  *** TOTAL  *** CONTINUING DATA  *** FOREIGN APPLICATIONS  *** FOREIGN APPLICATIONS  *** TOTAL  *** CONTINUING DATA  *** FOREIGN APPLICATIONS  *** FOREIGN APPLICATIONS  *** FOREIGN APPLICATIONS  *** TOTAL  *** CONTINUING DATA  *** FOREIGN APPLICATIONS  *** FOREIGN APPLICATIONS  *** TOTAL  *** CONTINUING DATA  *** FOREIGN APPLICATIONS  *** TOTAL  ** CONTINUING  *** FOREIGN APPLICATIONS  *** TOTAL  *** CONTINUING  *** FOREIGN APPLICATIONS  *** TOTAL  *** CONTINUING  *** FOREI |  | ERIAL NUMBER 06/15/2000 09/593,864  |   |                    |          |     |               |                      | 0 | OCKET NO.      |  |
| Hisashi Yamada, Yokohama-shi, JAPAN; Hiroshi Iwasaki, Yokohama-shi, JAPAN; Masafumi Tamura, Chofu-shi, JAPAN; Yasuhiro Ishibashi, Orme-shi, JAPAN; Taku Kato, Kamakura-shi, JAPAN; Makoto Tatebayashi, Takarazuka-shi, JAPAN; Makoto Tatebayashi, Takarazuka-shi, JAPAN; ** CONTINUING DATA *** FOREIGN APPLICATIONS *** TOTAL *** INDEPENDENT *** COUNTRY JAPAN *** JAPAN *** TOTAL *** COUNTRY JAPAN *** TOTAL *** CLAIMS *** JAPAN *** TOTAL *** JAPAN *** TOTAL *** JAPAN *** TOTAL *** JAPAN *** TOTAL *** JAPAN * | APPLICANTS   |   |   |                    |          |     |               |                      |   | <del>-</del>   |  |
| JAPAN 11-170187 06/16/1999  IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 09/09/2000  Foreign Priority claimed Strate OR Mot after Mot Verified and Acknowledged Acknowledged Examiner's Bignature Initials  ADDRESS  Finnegan Henderson Farabow Garrett & Dunner LLP 1300 I Street N W Washington ,DC 20005-3315  TITLE  Mutual authentication method, recording apparatus, reproducing apparatus, and recording medium  FILING FEE RECEIVED 976  FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following:    Independent Claims  | Hisashi Ya<br>Hiroshi lw<br>Masafumi<br>Yasuhiro I<br>Taku Kato<br>Makoto Ta<br>Shunji Ha      | amada<br>asaki,<br>Tamu<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shib<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>shiba<br>s | a, Yokohama-shi, JAP. Yokohama-shi, JAPA Yokohama-shi, JAPA ura, Chofu-shi, JAPAN; shi, Ome-shi, JAPAN; nakura-shi, JAPAN; vashi, Takarazuka-shi, Osaka-shi, JAPAN; | AN;<br>N;          | M(<br>:- |     |               |                      |   |                |  |
| FILING FEE RECEIVED 976  Foreign Priority claimed 19 yes no Net after with the priority claimed 25 USC 119 (a-d) conditions 29 yes no Net after COUNTRY JAPAN 14 SHEETS DRAWING 14 PS TOTAL CLAIMS 5 SHEETS DRAWING 14 PS TOTAL CLAIMS 9 PS TOTAL CLAIMS 14 PS TOTAL CLAIMS 15 PS TOTAL CLAIMS 15 PS TOTAL CLAIMS 14 PS TOTAL CLAIMS 15 PS TOTAL CLAIMS 14 PS TOTAL CLAIMS 15 PS TOTAL CLAIMS 14 PS TOTAL CLAIMS 15 PS TOTAL CLAIMS 14 PS TO | ** FOREIGN APPLICATIONS ************************************                                   |   |   |                    |          |     |               |                      |   |                |  |
| 35 USC 119 (a-d) conditions  | IF REQUIRED, FOREIGN FILING LICENSE<br>GRANTED ** 09/09/2000 / -                               |   |   |                    |          |     |               |                      |   |                |  |
| Finnegan Henderson Farabow Garrett & Dunner LLP  1300 I Street N W  Washington ,DC 20005-3315  TITLE  Mutual authentication method, recording apparatus, reproducing apparatus, and recording medium  FILING FEE  RECEIVED  976  FEES: Authority has been given in Paper  No to charge/credit DEPOSIT ACCOUNT  No for following:   | 35 USC 119 (a-d) conditions yes no Met after Met after Verified and  STATE OF COUNTRY JAPAN    |   |   |                    |          | DRA | DRAWING CLAIM |                      |   | CLAIMS         |  |
| TITLE  Mutual authentication method, recording apparatus, reproducing apparatus, and recording medium  FILING FEE RECEIVED 976  FEES: Authority has been given in Paper to charge/credit DEPOSIT ACCOUNT No for following:    All Fees   1.16 Fees (Filing)   1.17 Fees (Processing Ext. of time)   1.18 Fees (Issue)   Other  | ADDRESS  |   | •   | •                  |          |     |               |                      |   |                |  |
| Mutual authentication method, recording apparatus, reproducing apparatus, and recording medium  FILING FEE RECEIVED 976  FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following:    All Fees     1.16 Fees (Filing)     1.17 Fees (Processing Ext. of time)     1.18 Fees (Issue)     Other     Other  | Finnegan Henderson Farabow Garrett & Dunner LLP 1300 I Street N W Washington ,DC 20005-3315    |   |   |                    |          |     |               |                      |   |                |  |
| FILING FEE RECEIVED 976  FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT for following:    All Fees   1.16 Fees (Filing)   1.17 Fees (Processing Ext. of time)   1.18 Fees (Issue)   1.18 Fees (Issue)   Other   | TITLE  |   |   |                    |          |     |               |                      |   | <del>-</del> - |  |
| FILING FEE RECEIVED 976  FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following:  1.16 Fees (Filing)  1.17 Fees (Processing Ext. of time)  1.18 Fees (Issue)  Other  | Mutual authentication method, recording apparatus, reproducing apparatus, and recording medium |   |   |                    |          |     |               |                      |   |                |  |
| FILING FEE RECEIVED 976  FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following:  1.17 Fees ( Processing Ext. of time )  1.18 Fees ( Issue )  Other  | RECEIVED   |   |   |                    |          |     | ☐ All         | ☐ All Fees           |   |                |  |
| RECEIVED 976 Noto charge/credit DEPOSIT ACCOUNT Nofor following:  time )  1.18 Fees (Issue)  Other   |  |   |   |                    |          |     | □ 1.1         | 1.16 Fees ( Filing ) |   |                |  |
| Other  |  | No  | to charge/ci  | edit DEPOSIT ACCOL |          | UNT |               |                      |   |                |  |
|  |  | No  | for following   | <b>]</b> :         |          |     | <b>1</b> .1   | 1.18 Fees (Issue)    |   |                |  |
| ☐ Credit   |  |   |   |                    |          |     | Other         |                      |   |                |  |
|  |  |   |   |                    |          |     |               | ☐ Credit             |   |                |  |